

**AMENDMENT TRANSMITTAL LETTER**Docket No.
103080-P01-029Application No.
10/685,693Filing Date
October 16, 2003Examiner
Scott LongArt Unit
1633

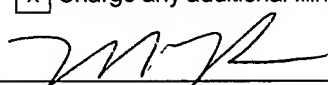
Applicant(s): West et al.

Invention: METHOD FOR USING GENE TRAPPED STEM CELLS FOR MAKING PATHWAYS OF
STEM CELL DIFFERENTIATION AND MAKING AND ISOLATING DIFFERENTIATED
CELLS**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	153	- 157 =		x	
Independent Claims	10	- 10 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within third month					1020.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					1020.00

☒ Large Entity☐ Small Entity☐ No additional fee is required for this amendment.☒ Please charge Deposit Account No. 18-1945 in the amount of \$ 1020.00.
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 18-1945,
Order No., 103080-P01-029 as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.
Melissa S. Rones, J.D., Ph.D.
Attorney/Agent Reg. No.: 54,408Dated: July 11, 2007FISH & NEAVE IP GROUP, ROPES & GRAY LLP
One International Place
Boston, Massachusetts 02110
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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: July 11, 2007Signature: Elaine Leahy (Elaine Leahy)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
West et al.

Serial No: 10/685,693

Filed: October 16, 2003

For: Method Using Gene Trapped Stem
Cells for Making Pathways of Stem
Cell Differentiation and Making and
Isolating Differentiated Cells

Attorney Docket No. 103080-P01-029

Art Unit: 1633

Examiner: S. Long

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: MS Amendment Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below:

July 11, 2007
Date of Signature
and of Mail Deposit

Elaine Leahy
Elaine Leahy

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND REPLY UNDER 37 CFR 1.111

Sir:

This amendment is being filed in reply to the outstanding Office Action, mailed January 11, 2007, in connection with the above-referenced application. Applicants submit concurrently herewith a Petition for a three-month extension of time under 37 C.F.R. § 1.136(a) and the fee required under 37 C.F.R. § 1.17(a)(3). With the extension of time, the deadline for filing a response is on or before July 11, 2007. Accordingly, this response is timely filed.

The listing of claims begins on page 2 of this paper.

Remarks begin on page 29 of this paper.